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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Cardiotin [SR-2] Standard Size Ab03331-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgM format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: SR-2

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): WB, IF

Published Species Reactivity: Swine, Human

Immunogen: The original antibody was generated by immunizing a BALB/c mouse with the 100 kDa cardiotin subunit.

Specificity: The original antibody is specific for cardiotin. Cardiotin is a mitochondrion-associated protein, which is present in cardiomyocytes and skeletal muscle.

Application Notes: In immunofluorescence assays on cryostat sections of myocardium, the antibody showed the characteristic cardiotin staining pattern in cardiomyocytes. The antibody was reactive with the 60 kDa and the 100 kDa cardiotin subunits of the SR-enriched fraction of swine heart tissue in western blot analysis (Schaart et al., 1997; PMID: 9042960).

Antibody First Published in: Schaart et al. Biochemical characterization of cardiotin, a sarcoplasmic reticulum associated protein, FEBS Lett. 1997 Feb 17;403(2):168-72. [PMID:9042960](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.